

### IN THE CLAIMS

*Sub C-15*  
Please delete claim 10, without prejudice. Please amend claims 1, 33, 34 and 37 as follows.

1 (Amended). A method of making an osteogenic composition, the method comprising:  
combining purified collagen, an osteoinductive substance, and water containing dilute acid in a dispersing assembly comprising two vessels and a reduced diameter portion, said vessels being in mutual fluid communication by way of said reduced diameter portion;  
forcing said combination from vessel to vessel through said reduced diameter portion a predetermined number of times sufficient to disperse said collagen and osteoinductive substance in said water, such that said collagen is at least partially hydrated and a dispersion is obtained;  
allowing said dispersion to stand for a predetermined time interval to produce a thickened dispersion; and  
extruding said dispersion to provide an extrudate.

10 (Deleted). The method of claim 1 further comprising extruding said dispersion to provide an extrudate.

33 (Amended). A method of making an implantable osteogenic device comprising:  
preparing an osteogenic composition according to the method of claim [10] 1;  
dehydrating said extrudate to yield a dehydrated osteogenic product;  
rehydrating said product; and  
inserting said rehydrated product into a spinal cage to provide an osteogenic device.

34 (Amended). An osteogenic spinal cage [comprising a product of] produced by the method of claim 33.

37 (Amended). A method of inducing osteogenesis in the disk space between two adjacent vertebral bodies in the spine of a patient [a subject in need thereof], said method comprising

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implanting in said [subject in the] disk space [between two vertebral bodies that are desired to be fused together] an osteogenic spinal cage according to claim 34.

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Please add new claims 52, 53 and 54 as follows.

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52 (New). A method of inducing osteogenesis in a patient comprising:  
preparing an osteogenic composition according to the method of claim 1;  
dehydrating said extrudate to yield a dehydrated osteogenic product;  
rehydrating said dehydrated product;  
providing an implantable device selected from the group consisting of a spinal cage and a dental implant;  
coupling said extrudate to said implantable device; and  
implanting said implantable device into said patient at a site where osteogenesis is needed.

53 (New). A method of inducing osteogenesis in a patient comprising:  
preparing an osteogenic composition according to the method of claim 1;  
providing an implantable device selected from the group consisting of a spinal implant and a dental implant;  
coupling said extrudate to said implantable device; and  
implanting said implantable device into said patient at a site where osteogenesis is needed.

54 (New). The method of claim 1 further comprising the step of cross-linking said extrudate to provide a cross-linked osteogenic composition.

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**REMARKS**

In the present Office Action, claims 34 and 37 have been considered. Claims 1-33, 35-36, and 38-51 have been withdrawn as directed to a nonelected species. Claims 34 and 37 have been rejected under 35 U.S.C. §§112 and 102. In the present amendment, claims 1, 33, 34 and 37 have been amended. Claim 10 has been canceled because its subject matter has been incorporated into independent claim 1. Claims 52-54 have been added.